

6. (NEW) A catheter used by being inserted from outside of a body into a coelom and reaching a distal end thereof to a target region while a proximate end thereof being remained outside of the body, the catheter comprising:

a forceps mechanism having a fist handling portion at the proximate end and a grasping portion at the distal end, the grasping portion being configured to open and close in conjunction with manipulation at the first handling portion, and being capable of holding the target region;

an injection mechanism having a second handling portion at the proximate end, and an injection needle at the distal end, the injection needle being configured to be moved forward up to a position to be protruded from the distal end, and to be moved back up to a position to be stored inside of the distal end, the injection mechanism being capable of puncturing the target region with the injection needle and injecting injectant into the target region,

the forceps mechanism having a link mechanism configured to open and close the grasping portion corresponding shifting of the grasping portion.

7. (NEW) The catheter as set forth in claim 6, wherein the forceps mechanism is configured to bias the grasping portion toward a direction to close the grasping portion with force of a spring.

8. (NEW) The catheter as set forth in claim 6, wherein the forceps mechanism comprises a lock device that forbids the grasping portion opening and closing.

9. (NEW) The catheter as set forth in claim 6, wherein the injection mechanism is configured to bias the injection needle toward a direction to move back the injection needle with force of a spring.

10. (NEW) The catheter as set forth in claim 6, wherein the injection mechanism comprises a lock device that forbids the injection needle moving back.